

This Section for DOGM Use:

Assigned DOGM File No.: S 10191032

DOGM Lead: H. Shepherd

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
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Salt Lake City, Utah 84180-1203  
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APR 26 1993

DIVISION OF  
OIL, GAS & MINING

NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

"Small Mining Operations" means mining operations which disturb five or less surface acres at any given time.

\* \* \* \* \*

I. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Claim/Mine: MANCOS SHALE MINE
2. Name of Operator/Applicant: DENNIS EARLE  
Company ( ) Corporation ( ) Partnership ( ) Individual (☒)
3. Permanent Address: 3434 W. APACHE  
City: TUESA State: UT Zip Code: 74127  
Telephone Number: (918) 584-7759
4. Ownership of Land Surface:  
Private (Fee) ☐ Public Domain (BLM) ☐ National Forest (USFS) ☐  
State of Utah ☒ Other: \_\_\_\_\_
5. Ownership of Minerals:  
Private (Fee) ☐ Public Domain (BLM) ☐ National Forest (USFS) ☐  
State of Utah ☒ Other: \_\_\_\_\_

Utah Mining Claim Number(s): \_\_\_\_\_

Utah State Lease Number(s): ML 45869

6. Have the above owners been notified in writing? Yes ☒ No ☐  
If no, why not? \_\_\_\_\_

7. Does the operator have legal right to enter and conduct mining operations on the land covered by this notice? Yes ☒ No ☐

## II. PROJECT LOCATION & MAP (Rule R647-3-105)

1. Project Location (legal description):

County(ies): GRAND

NW 1/4, of SW 1/4, of NW 1/4: Section: 16 Township: 21S Range: 21E  
\_\_\_\_ 1/4, of \_\_\_\_ 1/4, of \_\_\_\_ 1/4: Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_  
\_\_\_\_ 1/4, of ~~S~~ 1/4, of \_\_\_\_ 1/4: Section: \_\_\_\_\_ Township: \_\_\_\_\_ Range: \_\_\_\_\_

2. A topographic base map showing the location of the proposed small mining operation must be submitted with this notice. A USGS 7.5 minute series map is preferred. The areas to be disturbed should be plotted in sufficient detail so that they can be located on the ground. It is recommended that the operator also plot and label any previous disturbances in the immediate vicinity that he is not responsible for.

## III. OPERATION PLAN (Rule R647-3-106)

1. Type of mining: Surface ☒ Underground ☐

2. Mineral(s) to be mined: PRECIOUS METALS

3. Provide a brief description of the proposed mining operation and onsite processing facilities. ONE PROCESS TO EXTRACT THE METAL IS AN AMMONIUM CHLORIDE BASE WITH A PH FROM 5.5 TO 6.5. THE SYSTEM IS A CLOSED LOOP PROCESS WITH ZERO WATER DISCHARGE. EQUIPMENT INCLUDES LOADER, DOZER, CONVEYOR + HOPPER, COLLIDER, MIXING CHAMBER, CONCENTRATING BOWLS AND RETURN PUMPS.

New Road(s): Length NONE (ft) Width NONE (ft) - USE EXISTING ROADS

Total project surface acreage to be disturbed: < 5 (acres)

#### IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining:

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.
9. Reclaim all roads that are not part of a permanent transportation system.
10. Stockpile topsoil and suitable overburden prior to mining.
11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by ripping, discing, or harrowing.
13. Reseed disturbed areas with adaptable species. (The Division recommends seeding 20 lbs./acre of native and introduced species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangeland or farm drill, or if broadcast seeded, harrow or rake the seed 1/4-1/2 inch into the soil - fall is the preferred time to seed.

V. VARIANCE REQUEST (Rule R647-3-110)Yes ☐ No ☒

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above, should be identified below and justification given for the variance request(s).

<u>Item Number</u>	<u>Variance Request Justification</u>
_____	_____
_____	_____
_____	_____
_____	_____

VI. SIGNATURE REQUIREMENT

I hereby commit to conduct mining operations and to reclaim the aforementioned small mine as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.

Signature of Operator/Applicant: \_\_\_\_\_

Dennis Earle

Name (typed or printed): \_\_\_\_\_

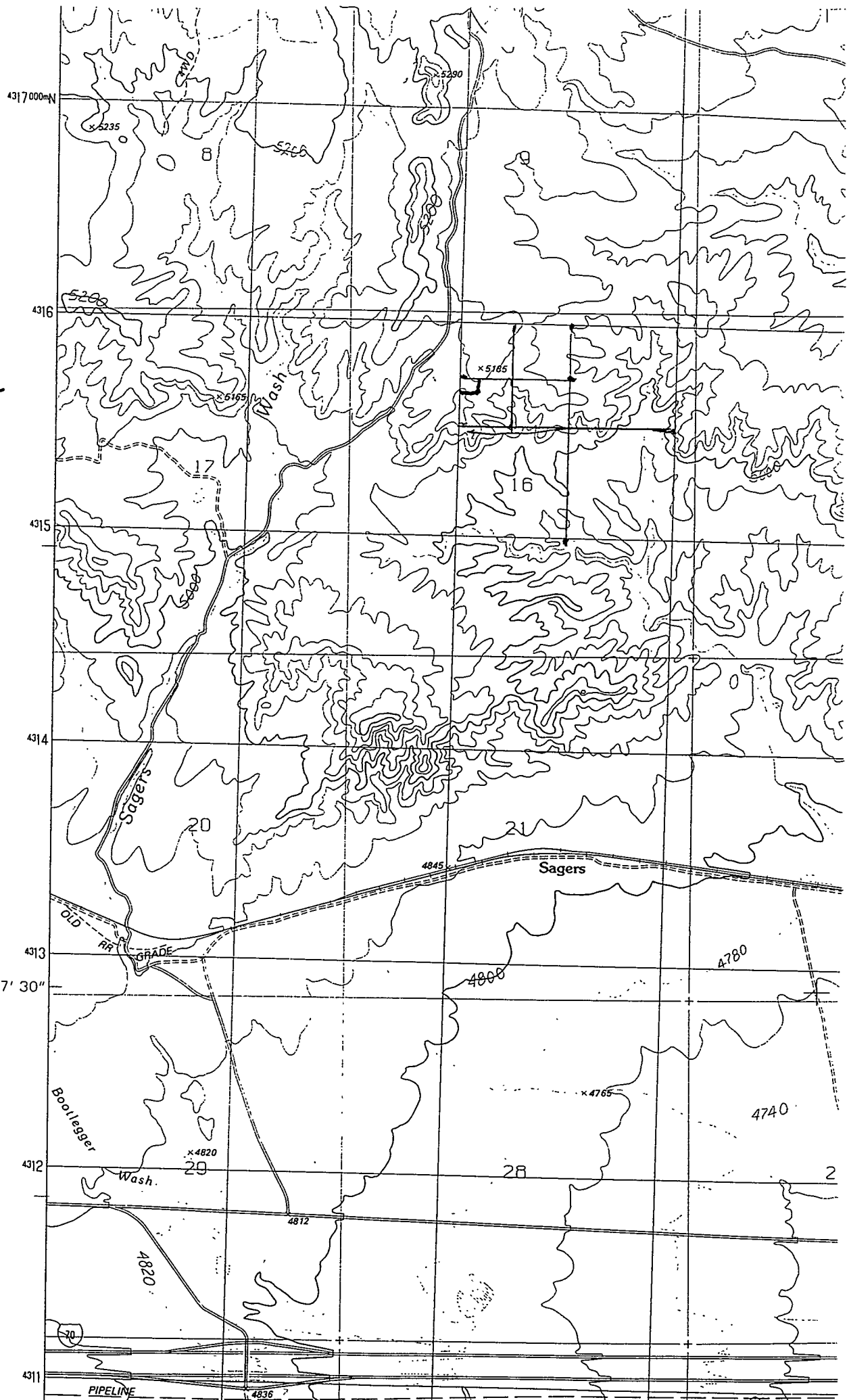
DENNIS EARLE

Title/Position (if applicable): \_\_\_\_\_

Individual

Date: \_\_\_\_\_

4-26-93



NW-SW-NW

S-1/4-T21S-R21E

5/019/032

Dennis Earle

OFFICE USE ONLY ML  
APPLICATION NO. 45869

MINERAL LEASE APPLICATION  
UTAH DIVISION OF STATE LANDS AND FORESTRY

FUNDING

SCH.....	
MH.....	
NS.....	
SM.....	
UNIV....	
D&D....	
IB.....	
USH.....	
SYDC....	
RES.....	
PB.....	
USU.....	
OTHER..	
TOTAL	
Checked by	

DENNIS EARLE - ARNOLD R. BRANNON NAME  
3434 W. APACHE ADDRESS

TULSA CITY OK STATE 74127 ZIP CODE

TELEPHONE NO. 918-584-7759

Applicant hereby applies for a Mineral Lease on the following described tract of land situated in GRAND County, State of Utah, for the purpose of mining the following mineral or minerals therefrom METALS

Subdivision	Section	Township	Range	Mer	Acres
<u>All</u>	<u>16</u>	<u>T21S</u>	<u>R21E</u>	<u>SLM</u>	<u>640</u>

(Total Acres)

Applicant offers to accept all the requirements of the Laws of the State of Utah governing the issuance of Mineral leases and operating thereunder. Applicant offers \$1.00 per acre or fraction thereof per annum rental, and the royalties as established by the Board of State Lands & Forestry, and deposits herewith \$\_\_\_\_\_ to pay rental for the first year of the lease, and \$30.00 application fee. If the applicant is a firm, association or corporation, the date when such became qualified to do business in the State of Utah was \_\_\_\_\_

Dennis Earle Arnold R. Brannon  
(Applicant's Signature)

By \_\_\_\_\_  
\*(Attorney-in-fact) Signature

State of OKLAHOMA  
County of TULSA

\*\*The applicant(s) listed above DENNIS EARLE AND ARNOLD R. BRANNON being first duly sworn, depose and say that THEY (are) the applicant(s) above named. (If Corporation, complete the following) The applicant is a corporation organized under the laws of the United States or of the State or territory of N/A and that the above-signed is a duly qualified agent of said corporation; and that such association or corporation has fully complied with all the laws of the State of Utah relative to qualifications to do business within the State of Utah and is not in default under any such laws.

Subscribed and sworn to before me this 9TH day of APRIL, 19 93.

Howard Bell  
Notary Public, residing at: 100 CENTER PLAZA #1404  
TULSA, OK 74119

My Commission Expires: 11-14-95

\*Applications filed by an attorney-in-fact acting in behalf of the applicant shall not be accepted unless there is sufficient evidence on file with the Board of State Lands that the applicant authorized the attorney-in-fact to apply for and execute the lease in his behalf.

\*\*Strike out parts not applicable.

THIS DOCUMENT CAN BE REPRODUCED